

The copper content of canned fruits M. D. Ustroven
et al and I. P. Klyueva. *Voprosy Khimii Rastvorov*
no 10(1970). The Cu content of canned fruits rarely
exceeds above 4.6 mg/kg. S. A. Kamala

"APPROVED FOR RELEASE: 06/15/2000

CIA-RDP86-00513R001238510009-2

OSU CVRMS, V., KHAD AND SONG, 1970

1. THE PRACTICAL USE OF THE COMPUTER IN THE FIELD OF POLYGRAPHIC INDUSTRY
2. THE COMPUTER IN THE FIELD OF POLYGRAPHIC INDUSTRY

3. THE COMPUTER IN THE FIELD OF POLYGRAPHIC INDUSTRY

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CIA-RDP86-00513R001238510009-2"

~~OSTROVERKH, Nikolay Fomich; KLETSKIY, L.M., doktor ekon. nauk, prof.,
otv. red.; SOKOLOV, I.K., red. izd-va; BABENKO, N.Yu., tekhn.
red.~~

[Ways for increasing agricultural labor productivity; based
on the materials of the collective farms of the Ukrainian
S.S.R.] Puti povysheniia proizvoditel'nosti sel'skokhoziai-
stvennogo truda; na materialakh kolkhozov Ukr.SSR, Kiev, Izd-
vo AN USSR, 1963. 239 p. (MIRA 16:9)
(Ukraine--Agriculture--Labor productivity)

L 46129-66 EWP(w) EM
ACC NR: AP6026741

SOURCE CODE: UR/0198/66/002/005/0023/0032

AUTHOR: Ostroverkh, B. N. (Kiev)

ORG: Institute of Hydromechanics, AN UkrSSR (Institut gidromekhaniki AN UkrSSR)

TITLE: Natural oscillations and the stability of rectangular orthotropic plates reinforced by ribs

SOURCE: Prikladnaya mekhanika, v. 2, no. 5, 1966, 23-32

TOPIC TAGS: orthotropic plate, approximate solution, Kirchhoff network law

ABSTRACT: An approximation method for the calculation of the natural oscillations and of the stability of rectangular orthotropic plates reinforced by ribs is described. The analyzed model consisted of two mutually-orthogonal systems of solid beam bands on elastic supports with elastic restraints at their intersection with the ribs. This permitted a consideration of the effect of the torsional rigidity and the bending of the ribs on the frequency of the natural oscillations and on the stability of the plate. The accuracy of the obtained approximate solution was estimated qualitatively using the Southwell and Rayleigh formulas. The obtained eigenvalue is somewhat higher than the eigenvalues obtained by the Southwell calculation and lower than the eigenvalues found by the Rayleigh formula for the same functions. A calculation of the free edge of the plate shows that its mode, with some simplifications, conforms to the

Cord 1/2

L 46129-66
ACC NR: AP6928741

Kirchhoff law. The author thanks V. G. Chudnovskiy for stating the problem and assisting in its solution. Orig. art. has: 1 figure, 39 formulas.

SUB CODE: 20, 12 / SUBM DATE: 23Dec65/ ORIG REF: 003

Card 2/2 JS

PAL'GOV, N.N., otv. red.; ZENKOVA, V.A., red.; MAKAROVICH,
K.G., red.; CHERKASOV, I.A., red.; OSTROVERKHOV, A.I.,
red.; KHUDYAKOV, A.G., tekhn.red.

[Glaciological research during the IGY] Gletsiologicheskie issledovaniia v period IGY. Alma-Ata, Izd-vo AN Kazakhskoi SSR. No.3. [Trans-Ili an: Dzungarian Alatau Zailiiskii i Dzungarskii Alatau. 1963. 228 p.
(MIRA 1712)]

1. Akademiya nauk Kazakhskoy SSR, Alma-Ata. Odzeli geografii.

SHUL'TS, V.L., otv. red.; GAL'PERIN, R.I., red.; SOSEDOV, I.S.,
red.; CHUPAKHIN, V.M., red.; ALEKSANDRIYSKII, V.V., red.;
OSTROVSKHOV, A.P., red.; ALFEROVA, F.F., tekhn. red.

[Problems of the hydrology of Kazakhstan] Voprosy gidrologii
Kazakhstan. Alma-Ata, Izd-vo AN Kaz. SSR, 1963. 101 p.
(MI-A 17:2)

1. Akademiya nauk Kazakhskoy SSR. Alma-Ata. Otdel geografii.

"APPROVED FOR RELEASE: 06/15/2000

CIA-RDP86-00513R001238510009-2

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CIA-RDP86-00513R001238510009-2"

RUBANIK, V.G.; LINCHEVSKIY, O.A.; MATYUSHENKO, A.N.; MEL'NIK, A.P.;
SOLOMINOVVA, I.N.; BRAILOVSKAYA, N.Ya., r.d.; OSKARNEZHON,
A.I., red.; KUSHEGHAN, A.M., prof., doktor biol.nauk, red.; T.DA.1.1.
tekhn.red.

[Woody plants of the Alma-Ata Botanic Garden] Preprint nauchno-issledovatel'stvo 'Alma-Atinskogo botanicheskogo sada'. Pod red. A.I. Kusheghanova. Alma-Ata, Izd-vo Akad. nauk KazSSR; 1971, 126 p.
(MIRA 16:1.)

1. Akademiya nauk Kazakhskoy SSR, Alma-Ata. Botanicheskiy sada.
(Alma-Ata-Wody plants)

BAZHANOV, Valer'yan Serenovich; KOSTENKO, Nikolay Nikolayevich;
AFANAS'YEV, A.V. prof., etv. red.; OSTROVERKHOV, A.P., red.;
GOROKINA, Z.F. tekhn. red.

[Atlas of Quaternary guide mammals in Kazakhstan] *Atlas ru-*
kovodniashchikh form mlekopitaiushchikh antropogena Kazakh-
stana. Alma-Ata, Izd-vo Akad nauk Kazakhsoi SSR, 1962.
109 p.
(MIRA 15:7)
(Kazakhstan -Mammals, Fossil)

TAJLOV, L.N., o.t.v. red.; ZELENKA, V.A., m.; YARANOV, I.I.,
red.; STRELCHENKOV, A.I., red.

[Factual investigation during the 1st period (initial -
rehearsal period) of the Alma-Ata, Issyk-Kul'
Kazakh SSR. 1... (Trans-Ili and Semirech'ya Alatau, Altai) Sh-
iliiskii district, Altai, Kazakhstan. 1988. 10. 1.]

(MIRA 171)

1. Analysis of terrain in the S. Alma-Ata, Semirech'ya -
Chelyshay district.

REDKOV, Vasiliy Vasil'yevich; STROZHEN'KO, I.M.; ottv. red.;
SHEVCHUK, T.I., red.; STROZHEN'KO, A.I., red.

[Soils of the Kazakh S.S.R. in 16 issues] Pochvy Ka-
zakhstana. 1 v. 16 vypuskak!. Alma-Ata, Nauka. No. 5. 1972.
323 p. (MIRA 17:12)

1. Akademiya Nauk Kazakhskoj SSR, Alma-Ata Institut pri-
ovedeniya.

SUMMARY: AKA, "YU," was identified as a CIA agent, possibly from the KGB, and was seen.

(Munich and Vienna) - It is believed that all of the KGB materials previously submitted by Karcher came from Agent AZ 1; particularly, Agent AZ 1, "YUKE" Karcher, was seen in Munich, Germany, in October 1968.

.. Nameless spy (possibly Karpov) is referred to as "YUKE". He left Vienna, Austria, in October 1968, and was seen in Munich, Germany.

OSTROVERKHOV, G.Ye., red.; DZHAVDYAYA, A.M., red.

[Current problems in clinical medicine] Aktual'nye voprosy
klinicheskoi meditsiny. Moscow, 1959. 147 p.
(MIRA 13:8)

1. Moscow. Vtoroy Moskovskiy meditsinskii institut.
(MEDICINE, CLINICAL.)

OSTROVERKHOV, G.Ye., prof.

Simple arrangement for cooling air in operating rooms. Khirurgii 3⁴
no.9:133-134 S '58. (MIRA 12:4)

1. Iz kafedry operativnoy khirurgii i topograficheskoy anatomii (zav. -
prof. G.Ye. Ostroverkhov) II Moskovskogo meditsinskogo instituta imeni
N.I. Pirogova.
(HOSPITALS--HEATING AND VENTILATION)

OSTROVSKIKHOV, G.Ye., prof.; MOLCHANOV, G.Ya., kand.med.nauk

Future plans for the publication of textbooks for medical schools.
Sov.med. 23 no.9:132-136 S '59. (MIRA 13:1)
(BOOKS)
(EDUCATION MEDICAL)

OSTROVERKHOV, G.Ye., prof. (Moskva)

César Boux; on the 25th anniversary of his death. Entrevista '86
no.10:146-147 O '86.
(BIOGRAPHIES) (MIRA 10:10)

OSTROVERKHOV, G.Ye., prof.

"Surgical orthopedics and traumatology" [in Bulgarian] by B.Boichev,
B.K.onforti, K.Chokanov. Reviewed by G.S.Ostroverkhov. Khirurgia
no.12:116-118 D '57.
(ORTHOPEDIA) (BOICHES, B.) (KONFORTI, B.)
(CHOKANOV, K.)

Ostroverkhov, V.G.

V.Catalytic vapor phase hydrolysis of symmetrical trichlorobenzenes. L. M. Litvinenko and V. G. Ostroverkhov.
Uchenye Zapiski Khar'kov Univ., 50, Trudy Nauch.-Issledovatel. Inst. Khim. i Khim. Fak., No. 11, 211-20 (1954).
Referat. Zhur. Khim., 1956, Abstr. No. 6747.—Data is given on the vapor phase hydrolysis of sym-trichlorobenzene (I) in the presence of silica gel (II), II + 0.5% CuCl₂ + 8% Cu(III), II + 1.5% CuCl₂ (IV), II + 1% CuCl₂ + 10% Mn-Cu + 5% Cu(V), II + 1% CuCl₂ (VI), II + 1.5% Cu₂(PO₄)₃ (VII), II + 3.5% Cu₂(PO₄)₃ (VIII), II + 1.5% Mn-Cu₂(PO₄)₃ (IX), II + 2% Cu₂(PO₄)₃ (X), II + 4.5% Cu₂(PO₄)₃ (XI), II + 1% WO₃ (XII), II + 1% Cu₂(PO₄)₃ + 4.5% Cu₂(PO₄)₃ (XIII), also for chlorobenzene (XIV) in the presence of XIII and VI. The expts. are performed in a continuous system at atm. pressure at 400-600° with a great excess of H₂O vapor for I and with wt. ratio of 1:1 for H₂O-XIV. The max. % of phenols, mainly 3,3-dichlorophenol (XV), from the hydrolysis of I is in the presence of II 0, III 0.88 (400-500°), IV 1.33 (400-500°), V 0.98 (540-560°), VI 1.09 (500-510°), VII 7.42 (640-560°), VIII 5.24 (460-500°), IX, 0, X 1.38 (540-560°), XI 0.98 (550°), XII 0.06 (550°), XIII 9.09 (600°). The hydrolysis of XIV over XIII yields (510°) 11.83% phenol, and over 9.46% VI at 500°. In the presence of the most selective and active XIII during the hydrolysis of I, a mixt. of phenols is formed with about 30-60% XV. An important

3

4E4i

4E3d

4E2c(j)

Z-MAY

The production of part 3 is described.

OSTROVERKHOV, V.G.; SHILOV, Ye.A.

Investigating the theory of nucleophilic additions. Part 6: Addition
of hydrazoic acid to dimethyl ether of acetylenedicarboxylic acid.
Ukr. khim. zhur. 23 no. 5:615-622 '57. (MLRA 10:11)

1. Institut organicheskoy khimii AN USSR.
(Acetylenedicarboxylic acid) (Hydrazoic acid) (Methyl ether)

OSPROVEREHOV, V.G., SHILOV, Ye.A.

Theory of nucleophilic additions. Part 4. Addition of hydrogen
iodide from solutions of iodides. Ukr.khim.shur. 22 no.6:743-753
'56. (UDC 547.756.2)

1. Institut organicheskoy khimii AN USSR.
(Hydrogen Iodide) (Chemical reaction, Rate of

Ostroverkhov

✓ Theory of nucleophilic addition. III. Kinetics of the
addition of hydrogen bromide to dimethyl acetylenedicarboxylate from solutions of lithium bromide. V. G.
Ostroverkhov and V. A. Shilov. Zhurnal Khim. 2 Khim. 22,

500-5(1956)(in Russian); cf. C.A. 50, 1851. — In this addn.
of HBr to $(\text{CCO}_2\text{Me})_2$ (I) using an AcOH sohn. of LiBr,
 $\frac{d[\text{HBr}]}{dt} = k_1 \text{A}[\text{LiBr}]$ [A = concn. of I, k_1 (moles/l.
min.) = 6.88×10^{-4} at 30°, 1.49×10^{-4} at 40°, and $8.80 \times$
 10^{-4} at 60°, $E \sim 18.2$ kcal./mole, $\Delta S^\circ = -18.9$ cal./
degree mole]. The rate does not alter much with addns. of
H₂O, dioxane, or MeCN. If K_1' is the rate const. in the
presence of H₂O, $K_1'/K_1 = 1.01-1.18 \rho/D$, (ρ = molar ratio
of H₂O to LiBr in HOAc sohn., D = dielectric const. of
the mixt.). PhC₆H₅CO₂NH₂ does not add HBr under these
conditions.

John Howe Scott

2 J

JM 075

OSTROVERKHOV, V. G.

7
Theory of nucleophilic additions. IV. Addition of hydride ion to dilute solutions of iodide. V. G. Ostroverkhov and L. A. Shapovalova. Zhur. Khim. Znaniya 22, 745 (1956) [in Russian; cf. U. S. 31, 65156]. The 2nd-order rate constants at 25° and 35° (in 1-mole/liter activating agents, in katal., mole/liter activating entropy changes, cal/mole), following iodide solns. are reported: LiI in HOAc, 0.783, 1.67, 14, -23; LiI in MeOH contg. 3.0-3.2 mole/l. HOAc (1), 0.0307, 0.059, 11.9, -35.6; KI in I⁻ concn. 0.0374, 0.0826, 14.4, -29%; KI in I concn. 11.6 mole/l. H₂O, 0.778, 0.0737 (39%), 11.9 (calcd. from 20-30°), -35.1; MgI₂ in I, 0.0344, 0.072, 14 (calcd. from 20-30°), -28.5; Et₃NI in I, 0.0288, 0.0629, 14.2, -2.8. Corrections were made for the amt. of I₂ present in the solns. *trans*-MeO₂CCH₂C(=O)Me was formed. The rate depended on the I⁻ concn.; the subsequent addn. of H is rapid. Of 2 proposed mechanisms, the open-chain one is considered more probable than the cyclic one, since there are no great differences in entropy change for the various cations and solvents. At 40°, PhC₆H₄CO₂Et, did not react with KI in a H₂O-HOAc-MeOH mixt.
John Hare Scott

5

RJM MC

OSTROVITYANOV, K., akademik

The building of communism and commodity production. Vop. ekon.
no.10:13-28 C '61. MIK. 14:16
(Communism) (Economics)

TOKMALAYEV, S.P., dotsent [deceased]; KUZHELEV, N.S., dotsent; OSTROVI-
TYANOV, K.V., akademik; ALEKSEYEV, A.M., dotsent; KUDROV, V.M.;
LEONT'YEV, L.A. Prinimali uchastiye: BELYATEVA, Z.N., kand.ekon.
nauk; MIRACHEKOVSKAYA, I.M., kand.ekonom.nauk; RYNDINA, M.N.,
kand.ekonom.nauk; SHIRINSKIY, I.D., kand.ekonom.nauk, red.;
YUMASHEV, A.I., kand.ekonom.nauk; PROKOP'YEV, S.P., red.; NAUMOV,
K.M., tekhn.red.

[Capitalist production method] Kapitalisticheskii sposob pro-
izvodstva. Moskva. Pt.2. 1960. 357 p. (MIRA 13:10)

1. Kommunisticheskaya partiya Sovetskogo Soyuza. Vysschiye
partiynaya shkola. 2. Chlen-korrespondent Akademii nauk SSSR (for
Leont'yev).

(Economics)

OTROVSKIY, S.

Community Centers

Technical exhibits room of the Kemerovo House of Culture, Kemerovo, Russia,
Sept. 1951.

9. Monthly List of Russian Acquisitions, Library of Congress, December ¹⁹⁵¹ 1952, Vol. .

1. OSTROVENSKIY, S.
2. USSR (600)
4. Leather Industry
7. For quality in production. klub, No. 12, 1952.

9. Monthly List of Russian Accessions, Library of Congress, May 1953. Unclassified.

KUDRITSKIY, V.; VOLKOV, A.; FOGEL', V.; PODOBED, Yu.; TITOV, A.; SHEIN, V.;
LITSITIS, Ya. Licitis, J.; OCTROVENETS, V.; SEMENTSOV, V.

Specialization is indispensable. Tekh. est. : 0.4:2-3 Ap 165.

(MILK 18:6)

1. Spetsial'noye khudozhestvenno-konstruktorskoye byuro Klyeiskogo soveta narodnogo khozyaystva (for Kudritskiy, Volkov, Fogel').
2. Spetsial'noye khudozhestvenno-konstruktorskoye byuro Soveta narodnogo khozyaystva Moskovskogo gorodskogo ekonomicheskogo rayona (for Podobed').
3. Spetsial'noye khudozhestvenno-konstruktorskoye byuro Soveta narodnogo khozyaystva Leningradskogo ekonomicheskogo rayona (for Titov).
4. Spetsial'noye khudozhestvenno-konstruktorskoye byuro Sredne-Ural'skoro soveta narodnogo khozyaystva (for Shein').
5. Spetsial'noye khudozhestvenno-konstruktorskoye byuro Soveta narodnogo khozyaystva Latvyskoy SSR (for Litaits, strovenets, Sementsov).

OSTROVSKII, Ye. G.; AUERMAN, L.Ya.; ZHURAVLEV, N.N.; TETEREVYATNIKOVA, I.P.;
CHISTOVA, G.A.

Relationship between the final rising period and the
electroconductivity of the dough. Trudy MTIPP 4:58-61
'56.

(MLRA 9:10)

(Dough)

AUERMAN, L.Ya.; OSTROVSKIY, Ya.G.; GINZBURG, A.S.; ZHURAVLEV, N.N.;
KHACHUASHVILI, A.Z.; KVETNYY, F.M.

Zwieback from rye bread baked by electric contact heating.
Trudy MTIPP 4 92-85 196. (MLRA 9:10)

(Bread)

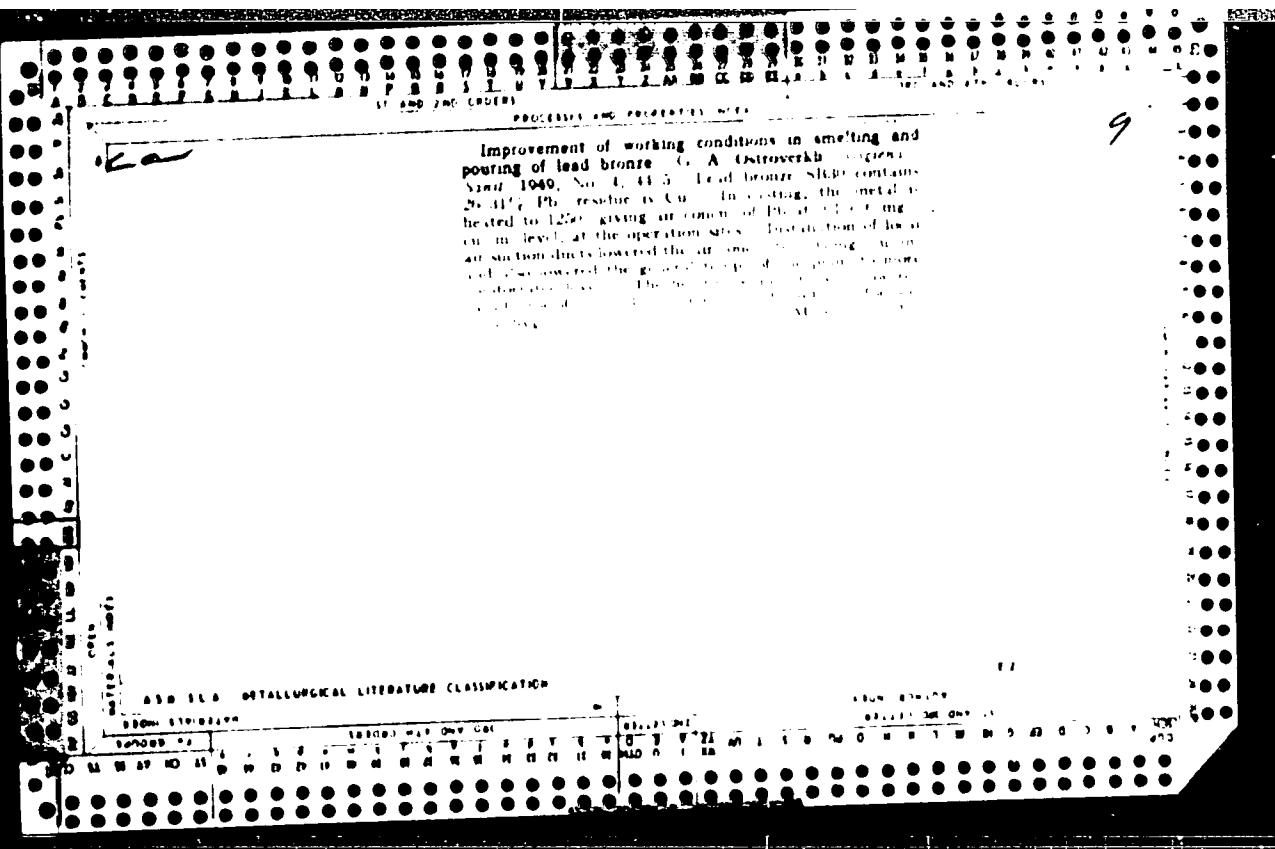
OSTROVSKII, Ya. M.

1
2
3

Obzor ekspluatatsii kas rirkoy VNIIE literature i nauchno-
prakticheskaya Rayonnaya elektrostatistsiya. "VNIIE obshchestvo, Leningrad, 1950." Tverskaya,
A. P. Kremova i Ya. I. Struve. Moscow, Tsenergizdat, 1959.
170 (1) S. Illus., liter., tables.
"Literatura": 5. 1 - 120)

KOVALEV, A.P., professor; KAGAN, Ya.A., kandidat tekhnicheskikh nauk;
MAKSIMOV, V.M., dotsent; OSTROVSKIY, Ya.N., inzhener.

Efficient design of the pulverized coal feeder. Elek.sta. 27 no.4:
9-13 Ap '56. (MLRA 9:8)
(Coal, Pulverized)



L 37673-66

ACC NR: AT6022315

SOURCE CODE: UR/0000/66/000/000/0043/0048

AUTHOR: Ostroverkh, A. P.

61

ORG: none

B41

TITLE: Tunnel-diode-and-transistor switches for PCM electronic telephone offices

SOURCE: Vsesoyuznaya nauchnaya sessiya, posvyashchennaya Dnyu radio. 22d, 1966.
Sektsiya provodnoy svyazi. Doklady. Moscow, 1966, 43-48

TOPIC TAGS: tunnel diode, transistor, pulse code modulation, telephone equipment/
TD-ZI3010 tunnel diode, pulse code modulation

ABSTRACT: Electronic telephone-switching devices designed with transistors and tunnel diodes and described by J. J. Amodai et al. (RCA Review, v. 24, no. 3, Sept 1963) and P. J. Langlois (Electronics, v. 36, no. 10, May 1963) were set up from Soviet-made semiconductor components and tested in a NEIS laboratory. These devices were investigated: (1) A trigger circuit with a TD-ZI3010 tunnel diode and a drift-type h-f P416B transistor; turn-on time, 35--45 nsec; turn-off time, 45--65 nsec; turn-on delay, 5--15 nsec; turn-off delay, 5--15 nsec; (2) A trigger counting circuit based on the above trigger; (3) A NAND circuit. The above circuits are considered suitable for the electronic-switching telephone exchanges whose building is planned in the Soviet Union. Orig. art. has: 4 figures. [03]

SUB CODE: 17,09 / SUBM DATE: 31Mar66 / ORIG REF: 000 / OTH REF: 002

ms
Card 1/1

OSTROVSKII V., Prof.

"Medical Education in the USSR"

Paper given at Third International Medical Student Seminar,
Leningrad, July 9-17, 1956.

"APPROVED FOR RELEASE: 06/15/2000

CIA-RDP86-00513R001238510009-2

DSTRKOV RAKOV. E. G.

251 '8. DSTRKOV RAKOV. E. G. Limpitschskaya Sistern Normal'noe Zhelutke I Prf
Rakovykh Opukholysk). - Sm. 25. 84.

SC: Letopis' No. 22, 142

APPROVED FOR RELEASE: 06/15/2000

CIA-RDP86-00513R001238510009-2"

OSTREVERKHOV, E. I.

2nd Lt. Col. V. E. I. Limfat chelya Siste "Gorodok" - 1000
I Pr. Rakovskyi, Oruzhlyanskiy Storovik Trubov Gos. It. Kirov, Kirov
(Pervyy Kosk, bld. In-T) 1. 14th. S. 1980

Sc: Le otchet No. 3, 1980

CHIROVSKOV, G. YE.

"Prevention of Post-operative Peripheral Nerve Adhesions." Vol. Neuroradiology,
No. 1, 1943. Cand. Med. Sci. Inst. of Experimental Clinical Surg. Acad. Med.
Sci. US R. -1943-.

OSTROVERKHOV, G. YE

25943 Ostroverkhov, G. Ye Mnozhestvennye flebolity ven goleni posle
raneniya. Vracheb. delo, 1948, No. 6, sto. 537-38.

SO: Letopis' Zhurnal Statey, No. 30, Moscow, 1948

OSTROVERKHOV, G.Ye.

Auxiliary surgery of tendons in paralysis of radial and tibial nerves. Voor. neirokhir. 14 no.4:52-58 July-Aug. 1950. (CLML 20:1)

1. Of the Institute of Surgery (Acting Director -- Prof. A. A. Vishnevskiy), Academy of Medical Sciences USSR.

OSTROVSKOV, G. YE., SWEDICH, YU. S.

Surgery, Plastic

Tendoplasty in paralysis of the median nerve; anatomical investigation.
Uch. zap. Vt. mosk. med. inst. 2, 1951.

9. Monthly List of Russian Accessions, Library of Congress, April 1951.

OSTROVSKYKHOV, G.Ye.

Remote results of peripheral nerves surgery. Vopr.neirokhir. 15
no.2:45-48 Mar-Apr 1951. (CIML 20:9)

1. Doctor Medical Sciences. 2. Of the Department of Operative
Surgery (Head—Prof. V.A. Ivanov), Second Moscow Medical Insti-
tute imeni I.V. Stalin.

GOSTROVERKHOV, G.Ye.

Ligation of the inferior hemorrhoidal arteries. Khirurgija,
Moskva no. 12:83-84 Dec 1952. (CLML 23:3)

1. Professor. 2. Of Kursk Medical Institute.

1. OSTPOVERKHOV, G. Ye., Prof
 2. "SSR (600)
 4. Hemorrhoids
 7. Ligation of the inferior hemorrhoidal arteries, Khirurgia, No. 12
1952
-
9. Monthly List of Russian Accessions, Library of Congress, May 1952, Vol. 1, No. 1.

CONFIDENTIAL, 2, 3, 4.

Service - Soviet

"Restorative prints of microfilm copy of document
Belov, V. S. [etc.] 1960. 1 v. 24 cm."

9. Monthly List of Russian Acquisitions, Library of Congress, January 1960.

OSTROVERKHOV, G.Ye.

ZOLOTOVA, E.M., dotsent; BELICHENKO, A.V., professor, zaveduyushchiy; BRUMBERG,
A.S., professor, zaveduyushchiy; OSTROVERKHOV, G.Ye., professor, direktor.

Lip cancer. Stomatologiya no.3:36-39 '53.

(MLRA 5:7)

1. Gospital'naya khirurgicheskaya klinika Kurskogo meditsinskogo instituta
(for Zolotova and Belichenko). 2. Kafedra patologicheskoy anatomii Kursko-
go meditsinskogo instituta (for Brumberg and Zolotova). 3. Kurskiy medi-
tsinskiy institut (for Ostroverkhov). (Lips--Cancer)

OSTROVERKHOV V.G.

2714. The photocolorimetric determination of molybdenum with phenylhydrazine. N. Tomachay and V. G. Ostroverkhov. Uch. Zap. Khar'kov. Univ., 1954, 23, Fizich. Nauk. Issledovani. Inst. Khim., Khar'kov. U.S.S.R., (12), 269-271; Rus. Zhur. Khim., 1955, (19), Abstr. No. 43,251. — The applicability of the method for the analysis of different types of steel is indicated. Prepare standards from a soln. of $(\text{NH}_4)_2\text{MoO}_4$. To 10 ml of the soln. obtained add 3-6 to 8 ml of H_2SO_4 (sp. gr. 1-61) and 6 to 8 ml of phenylhydrazine (II) (0-09 g per ml). Boil the mixtures for 1 min., cool and dilute to 100 ml. Measure the extinction with the Vendt photocolorimeter (Zhur. Obshch. Khim., 1937, 18, 2423). A blank is carried out at the same time. The concn. of Mo in the soln. must be within 1 to 7 μg per ml. Dissolve the steel samples by heating with 40 ml of H_2SO_4 (19 ml of H_2O_2 (sp. gr. 1-41) plus 21 ml of H_2O); in some cases conc. HNO_3 must be added. Evaporate the soln. to a smaller vol., add 70 ml of 20 per cent. alkali, cool, dilute to 200 ml and filter after 30 min. Neutralise 10 to 20 ml of filtrate with H_2SO_4 (sp. gr. 1-41) (25 to 30 ml) and evaporate to 10 ml. The standardization of all processes (particularly the heating) and complete removal of HNO_3 promotes reproducibility and accuracy of results. C. D. KORKIN

OSTROVERKHOV, G. Ye., Prof.; KAPLAN, A.V., dotsent.

Modified neurotomy of the obturator nerve in the treatment of cerebral paralysis in children. Ortop.travn.prots., Moskva no.1:70 Ja-F '55.
(MLRA 8:10)

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(CEREBRAL PALSY, surgery,
neurotomy of obturator nerve)
(OBTURATOR, surgery,
neurotomy in cerebral palsy)

OSTROVERKHOV, G.Ye., professor

Treatment of peripheral nerve injuries. Ortop., travm. i protez.
no.6:16-18 N-D '55. (MLRA 9:12)
(NERVES, PERIPHERAL, wounds and injuries
ther.)
(WOUNDS AND INJURIES
nerves, peripheral, ther.)

OSTROVSKHOV, G.B., professor (Moskva)

Training public health organizers. Sov.zdrav. 15 no.3:12-17 My-Je '5t.

(MLRA 9:8)

(PUBLIC HEALTH, education,
in Russia, train. of pub. health organizers (Rus))

OSTROVERCHOV, G.Ye., prof.; NEYMAN, M.I., red.; BEL'CHIKOVA, Yu.S., tekhn.red.

[The Third International Medical Student Seminar] 3-ii Mezhdunarodnyi seminar studentov-medikov. Moskva, Gos.izd-vo med.lit-ry, 1957. 102 p. [In Russian with summary in English]. (MIRA 10:12)

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Reviewed by G.E. Ostroverkhov. Khirurgija 34 no.10:142-143
O '58 (MIRA 11:11)

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(ANIKINA, T.I.)

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OSTROVERKHOV, G.Ye.

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OSTROVERKHOU, G.Ye., prof., GAVRILOV, L.F., kand.med.nauk

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(DUCTUS ARTERIOSUS)

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OSTROVERKHOV, G.Ye., prof.; MOLCHANOV, G.Ya., kand.med.nauk

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Kierownik: prof. dr G.E.Ostrowierski.
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(RENAL ARTERY—SURGERY)

DAVIDENKOVA-KUL'KOVA, Ye.F., prof.; MIKHEYEV, V.V., prof.; MARKOV, D.A., prof., akademik; FAN'V, A.G., prof.; SAKHAROV, Yu.N., dotsent; FUTER, D.S., prof.; KHONDKARIAN, O.A., prof.; SHAMBUROV, D.A., prof.; DAVIDENKOV, S.N., prof., otv. red.; BOGOLEPOV, N.K., prof., zam. otv. red.; OSTROVERKHOV, G.Ye., glav. red.; GRASHCHENKOV, E.I., prof., red.; KORNFANSKIY, G.I., prof., red.; RAZDOL'SKIY, I.Ya., prof., red.; FILIMONOV, I.N., prof., red.; BARAKHINA, I.L., tekhn. red.

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OSTROVSKHOV, G.Ye., doktor med.nauk, prof.; LOUKHIN, Yu.N.,
doktor med.nauk; VOLODENKOV, M.N., kand. med. nauk;
SHUBINA, L.N., tekhn. red.

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Tekhnika khirurgicheskikh operatsii; portativnyi atlas.
Moskva, Izdatel'skoe biuro tresta Meduchposobie, 1963. 143 s.
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prof., I. TINA, A.V., kand. med. nauk; LIVKOVYVA, E.F., doktor
med. nauk, prof., VASIL'YEVA, I.P., kand. med. nauk; KIGUCHINA,
A.I., kand. med. nauk; MGRITINA, I.B., prof.; PASHLOVA, T.A.,
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P.I., prof., red. toma; STEPENKO, M.I., prof., red. toma;
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OSTROVERKHOV, G.YE.; 17 Bld., Tsvetnoy Bulvar, Moscow, Russia
prospekt, d.4, apt. 1, rezid. of Dr. V. V. P. T.

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esophagus and lymphadenopathy in the right axilla and the
inguinal region.

On admission, the patient had a temperature of 38.5°C,
leukocytosis of 12,000/mm³, and a differential count of 70%
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ABEZGAUZ, A.P., prof.; BIBENVA, M.M., prof.; KAREVICH, Ye.S., prof.; ZHUKOVSKIY, S.A., st. nauchn. sotr.; KASYSHINA, K.K., kand. med. nauk (deceased); KAZAKH, A.V., dots.; KOGAN, S.Z., prof.; KISEVICH, N.I., prof.; KAVIS, M.M., prof.; SOKOLOVA-PONOMAREVA, O.D.; STEDIL'NIK, I.Ya., dots.; TOKAREVICH, K.N., prof.; SHRAVINDI, b.G., prof.; DUBROVSKAYA, Yu.E., otd. red.; LSTACHEVICH, G.Ye., prof., zav. red.

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OTPOVERKOV, G.Ye., prof., SIVEROVA, T.A. - doktor med. nauk, NIKONOV, A.

Other extraperitoneal patching apparently was done after closure of the umbilical vein. Khtimrg16.41 no. 5 Rev. 91 My 1984.

1. Katedra operativnoy khitmrgi i torakal'noy yugulom I. V. prof. G.Ye. Oatr. verkhov II. Moskovskogo meditsinskogo instituta imeni Pirogova i Khitmrgicheskogo otdeleniya nauchno-issledovatel'skogo sentynerpol'nogo oglasloskogo instituta ZBU. Doktor med. nauk T.A. Sivurova.

GZSELEVICH, A.M.; OSTROVERKHOV, G.Ye.

David Naumovich Lubotskii; on the 40th anniversary of his scientific
and pedagogic activities. Arkh. anat., giat. i embr. 48 no.6, 118-119
Je '65. (MIRA 18:7)

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APPROVED BY, S.Ye., prof. revd. DANILOVAN, V. V., DSC.

Current problems of cultural and educational policy
Actual'nye voprosy kul'turno-uchebnoj politiki
Moskva, Nauka, 1965. 435 p. CIA RDP

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CIA-RDP86-00513R001238510009-2"

L 14274-66

ACC NR: AR6011087

SOURCE CODE: UR/0299/65/000/022/M020/11020

AUTHOR: Ostrovackov, G. Ye.; Malyugin, E. F.22TITLE: Kidney autotransplantation -- a method of eliminating defects in
the upper section of the ureter (Experimental investigation)

SOURCE: Ref. zh. Biologiya, Abs. 22M148

REF SOURCE: Urologiya i nefrologiya, no. 4, 1965, 24-28

TOPIC TAGS: organ transplant, genitourinary system disease

ABSTRACT: In experiments on 25 dogs the kidney together with the fatty capsule was isolated from the surrounding tissue and fixated in the iliac cavity. The renal artery and vein were joined with the lower sections of the aorta and the inferior vena cava. The renal artery was cut out with a base and was sutured into the oval shaped window formed above the bifurcation. Movement of the kidney downward puts it much closer to the bladder and permits sectioning of the ureter over a length of 10 to 12 cm. A mechanical suture is applied to the ureter terminals. Only 3 of the 25 operated animals died 5 to 32 days following the operation. Five of the animals were sacrificed for morphological examination. The rest of the animals are still living (170 to 390 days).
A. Pal'tsyn. [Translation of abstract].

SUB CODE: mj06

UDC: 577.99

L 21834-66 ACC NR: AP6004276

EWP(k)/EWT(d)/EWT(m)/EWP(h)/EWP(v)/EWP(t)/EWP(l) IJP(c) JD/JG
SOURCE CODE: UR/0407/65/000/002/0003/0014AUTHOR: Ostroverkhov, N. T. (Moscow); Popov, V. K. (Moscow)

ORG: none

TITLE: Electron-beam machining of materials

SOURCE: Elektronnaya obrabotka materialov, no. 2, 1965, 3-14

TOPIC TAGS: electron beam machining, conducting material, semiconductor material, insulating material, electron optics

ABSTRACT: The physical phenomena involved in electron-beam machining (hole piercing) are described, and principal formulas used in calculating the process are given. The development of a Soviet electron-beam machining outfit (see figure below) is reported. The outfit comprises two units: electron gun 1 and two-lens magnetic focusing system 2. The electrons emitted by tungsten 100-μ diameter cathode 3 are accelerated (100 kv, up to 5 ma) in the cathode-anode space. The beam is formed by the cathode, control electrode 4 and anode 5. The accelerated and focused electrons pass through an anode port and move with a constant velocity in the equipotential

58

B

Card 1/2

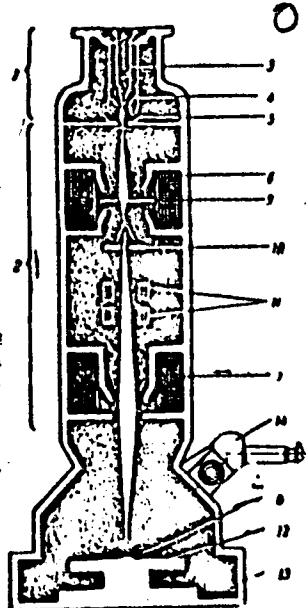
L 21835-66

ACC NR: AP6004276

space. Short-focus magnetic lens 6 collects the beam into a $0.5\text{-}\mu$ spot. Long-focus magnetic lens 7 further conveys the ($5\text{-}\mu$ diameter) beam onto the surface of work 8 placed at a distance of 80–150 mm under the lens. Diaphragms 9 and 10 cut off beam fringes. Stigmator 11 is intended for correcting the beam cross-section shape. Coordinate table 12 is placed inside work chamber 13 under a 10^{-4} – 10^{-5} -torr vacuum. The machining process can be monitored through binocular microscope 14. Data on the vacuum and supply systems is also given. Processing data for ^{71}W , Mo, Fe, Sn, Al, Ti, Cu, constantan, brass, quartz, steatite, ferrite, and glass is tabulated. Sketches and photographs of electron-beam-machined holes are presented. Orig. art. has: 9 figures, 11 formulas, and 2 tables.

SUB CODE: 09, 13 / SUBM DATE: none /

ORIG REF: 000 / OTH REF: 004



Electron-optical system

Card 2/2 ~~not~~

ACC NR: AP6021440

SOURCE CODE: UR/0413/66/000/011/0047/0048

INVENTORS: Ostrovorkhov, N. T.; Ovchinnikov, A. I.; Popov, V. K.; Stepushina, V. I.

ORG: none

TITLE: Method for controlling the minimum diameter of an electron beam spot. Class 21, No. 162250

SOURCE: Izobreteniya, promyshlennyye obraztsy, tovarnyye znaki, no. 11, 1966, 47-48

TOPIC TAGS: electron beam machining, electron beam

ABSTRACT: The author certifies a method for controlling the minimum diameter of an electron beam spot for pulsed electron beam fabrication of materials in a vacuum. To amplify the focusing process, the thermoemission current from the fabricator part or from the control sheet is measured and the focusing lenses are controlled so that the maximum thermoemission current is obtained. To eliminate the effect on the electron beam of the electric field produced by the thermoemission current measuring circuit and to eliminate errors produced by secondary and primary electron currents, measuring voltage pulses are supplied in the intervals between the working pulses.

SUB CODE: 13,09 / SUBM DATE: 20Apr65

UDC: 537.581:621.365.91

Card 1/1

OSTROVERKHOV, V.G.

Investigating the theory of nucleophilic addition reactions.
Part 5: Addition of thiocyanic acid from a solution of KSCN
to dimethyl ether of acetylenedicarbonic acid and to certain
other compounds with a triple bond. Ukr.khim.zhur. 23 no.4;474-482
'57. (MIRA 10:10)

1.Institut organicheskoy khimii AN USSR.
(Chemical reactions)

OSTROVERKHOV, V.G.; SHILOV, Ye.A.

Theory of nucleophilic additions. Part 3. Kinetics of the addition of hydrogen bromide to dimethyl acetylenedicarboxylate from solutions of lithium bromide. Ukr. khim. zhur. 22 no.5: 590-595 '56. (MLRA 10:6)

1. Institut organicheskoy khimii Akademii nauk USSR.
(Hydrogen bromide) (Acetylenedicarboxylic acid)

OSTROVERKHOV, V.G.; SHILOV, Ye.A.

Studies involving the theory of nucleophilic additions. Part 7:
reactions when weak nucleophilic agents act upon molecules containing
a double bond. Ukr. khim. zhur. 27 no.209-212 '61. (MIRA 14:3)

1. Institut organicheskoy khimii AN USSR.
(Addition reactions)

OSTROVERKHOV, V.G.; VAKARCHIK, I.S.

Reactions of derivatives of symmetrical triazines. Part 1.
Reactions of cyanuric acid with α -oxides. Ukr. khim. zhur.
28 no.1:94-101 '62. (MIRA 16:8)

1. Institut khimi monomerov i polimerov AN UkrSSR.

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KERCHA, Yu.Yu., kand. khim. nauk; V. YTSEKHOVSKIY, S.V. (Yoltsekhov'skiy), V.V.,
kand. khim. nauk; G. YEVGEN'YEV, V.G. (Gret'ven'ev, V.E.), kand.
khim. nauk; N. VALENKO, G.P. (Kovalenko, N.P.); K. ZNIEVSKAYA, V.V.
(Kuznietskaya, V.V.)

Effect of the esters of pentaerythritol and cyclohexane fatty acids
on the properties of polyvinyl chloride. VINITI preprint. No. 10-1986
38-47 JI-S 1986.

OSTROVERKHOV, V. G.

✓ 6720* (Russian.) Investigation in the Field of Nucleophilic Additions. Istochnik po teorii nukleofil'nykh prienosov. IV. Addition of Hydrogen Iodide From Iodide Solutions. Prisоedinenie iodistogo vodoroda k rastvorom iodidov. V. G. Ostroverkhov and E. A. Shilov. Ukrainskii Khimicheskiy Zhurnal, v. 22, no. 6, 1956, p. 743-753.
Chemical

Study of addition of HI to acetylcarboxylic acid dimethyl ester in acetic acid, acetonitrile, methanol, and methanol-water; factors affecting the rate of reaction.

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TITLE: Kinetics of polymerization of 2-methyl-5-vinyl pyridine and its copolymerization with styrene

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TEXT: It was the aim of the present work to determine the constants α :
polymerization rates of 2-methyl-5-vinyl pyridine (MVP) in benzene, i.e.
the presence of benzoyl peroxide (BP) or azoisobutyric acid dinitrile
(ABN) as an initiator. To determine the relative activity constants r_1
and r_2 of the monomers, the authors also studied thermal block polymeriza-
tion of MVP without initiator, and copolymerization of MVP and styrene
in the presence of ABN. The reagents MVP and styrene were purified by
double distillation and, after that, either used immediately or stored
in a Dewar vessel containing dry ice (maximum storage time 24 hr.).
Benzene was purified by H_2SO_4 and then distilled by Na; BP and ABN were

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twice recrystallized from absolute methanol while petroleum ether was purified by boiling with Na and subsequent distillation (boiling point 50 - 70°C). Polymerization of MVP in solution: The benzene solution of MVP and the initiator were filled into ice-cooled ampoules which were fused in N₂ atmosphere, heated in a thermostat, and then cooled in ice.

The content of ampoules was introduced into a flask by means of acetone, and the polymers were precipitated by adding the 2.5-3-fold volume of petroleum ether. When using ABN as initiator, polymerization occurred at 60, 70, and 80°C. The concentration of MVP was 1.7 - 1.9 mole/l, that of the initiator ~7·10⁻³ mole/l. For 70°C, the authors graphically found the equation $dx/dt = \kappa_a - x^{1-n}c^m$, where a = initial concentration of monomer, c = concentration of initiator, m = 0.5, n = 1.5. Solution of the equation yielded: $\kappa = \left([a^{1-n} - (a-x)^{1-n}] \cdot mk_B \right) / \left((1-n)c_0 \left[1 - \exp(-\kappa_B mt) \right] \right)$. Here, k_B denotes the decomposition constant of the initiator at a given temperature T°. Calculation of k_B according to V. van Hook, A. Tosolsky

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(Ref. 4: J. Amer. Chem. Soc., 80, 779, 1958) led to the following results: for 60°C : $3.4 \cdot 10^{-4}$, for 70°C : 0.125, and for 80°C : 0.446. For κ ($\text{l} \cdot \text{mole}^{-1} \cdot \text{min}^{-1}$), the authors found: $k_{60} = 3.93 \cdot 10^{-3} \pm 8 \cdot 10^{-5}$; $\kappa_7 = 0.5 \cdot 10^{-2} + 8 \cdot 10^{-5}$; $\kappa_{80} = 2.58 \cdot 10^{-2} \pm 1.1 \cdot 10^{-3}$; $E_{\text{act}} = 22 \text{ kcal/mole}$.

In the presence of BP: $m = 0.5$; $n = 1.3$, k_B for $60^{\circ}\text{C} = 9.94 \cdot 10^{-3}$, for $80^{\circ}\text{C} = 0.13$, $k_{60^{\circ}\text{C}}$ (in $\text{l}^{0.8} \cdot \text{mole}^{-0.8} \cdot \text{min}^{-1}$) = $3.28 \cdot 10^{-3} \pm 1.7 \cdot 10^{-4}$; $k_{80^{\circ}\text{C}} = 0.66 \cdot 10^{-2} \pm 2.7 \cdot 10^{-4}$, $E_{\text{act}} = 18.9 \text{ kcal/mole}$. Thermal polymerization of MVP without initiator was carried out at 80°C , 100°C , and 120°C . For 80°C , the authors found: $dx/dt = k_1[M]$, where $[M]$ denotes the monomer concentration in parts of the initial concentration. k_1 (determined graphically) amounted to $6.5 \cdot 10^{-4} \text{ min}^{-1}$. Results obtained at 100°C and 120°C are very inaccurate due to the low yield in polymers. The polymer of MVP

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are unsoluble and not capable of swelling in H_2O , ether, and petroleum ether, soluble in alcohols, dioxane, acetic acid, mineral acids, in the initial monomer, and in chloroform, poorly soluble in aromatic hydrocarbons, acetone, and CCl_4 . Boiling point was between 200 and $\approx 35^{\circ}C$.

Softening occurred at about $165-170^{\circ}C$. The viscosity in propane at $\approx 5^{\circ}C$ showed a minimum in the concentration range of 0.1 - 0.2 g./10 ml. 0.4% solutions exhibit the well-known dependence of viscosity on polymerization temperature and concentration. Copolymerization of KVP and styrene was carried out at $60^{\circ}C$, in the presence of 0.16 - 0.2% by weight of AB_3 . The N content of copolymers was determined according to Dumas. Table 2 shows the results. The copolymerization constants were graphically determined from the equation: $F(f-1)/f = r_1 F^2/f + r_2$ (1), F = molar ratios of monomers in the copolymer and in the initial mixture according to R. Fineman and S. Ross (Rei. Pl. J. Polymer Sci., 2, 195, 1950); r_1 (KVP) = 1.88 ± 0.2, r_2 (styrene) = 1.19 ± 0.12. The copolymers

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melt at 210 - 240°C. At 160 - 17°C, they shrink. They are readily soluble in acetone, dioxane, chloroform, and acetic acid. In methanol, only copolymers with a higher mol% content of MVP than 0.2 - 0.3 are readily soluble. There are 4 figures, 2 tables, and 8 references; 3 Soviet and 5 non-Soviet.

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Table 2. Block polymerization of MVP with styrene in the presence of ABN.
Legend: (1) Composition of initial mixture, molar fractions; (2) content
of nitrogen in the copolymer, %; (3) composition of the copolymer, molar
fractions; (4) yield of copolymer, %; (5) viscosity of a 0.4% solution
in toluene; (6) MVP; (7) styrene

Card 5/6

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